

Lanthanide Macrocyclic Quinoyl Conjugates as Luminescent Molecular Switches and Logic Gate Functions using HO^- and O_2 as Inputs

Célia S. Bonnet and Thorfinnur Gunnlaugsson*

Electronic Supplementary Information

Figure 1 : UV spectra of Tb1

[Tb1] = 0.27 mM in TEAP 0.1 M. Initial pH = 11.04; titration with HClO_4 .
Spectra were recorded using the parameters described in the experimental section.

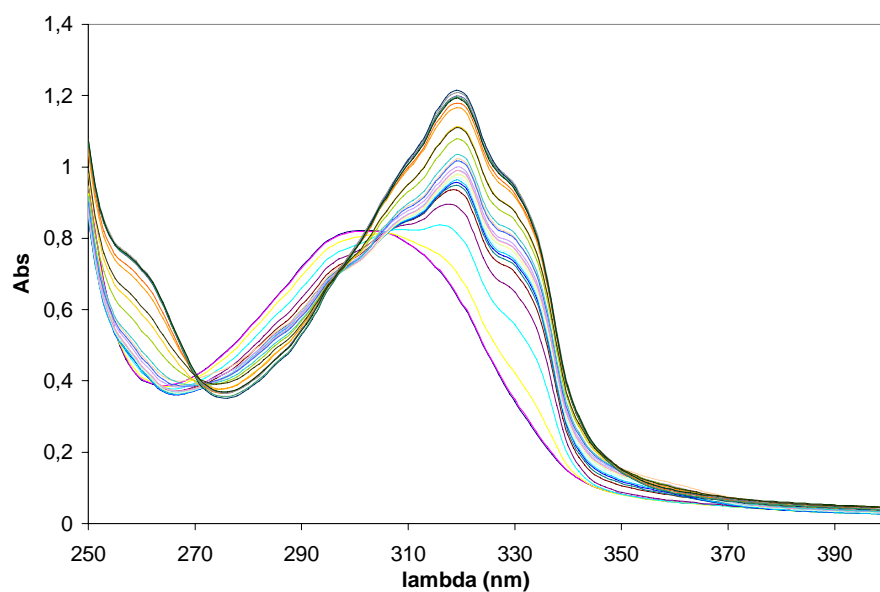


Figure 2 : Fluorescence spectra of Tb1

[Tb1] = 50 μM in TEAP 0.1 M. Initial pH = 3.13; titration with Et_4NOH .
Spectra were recorded using the parameters described in the experimental section.

